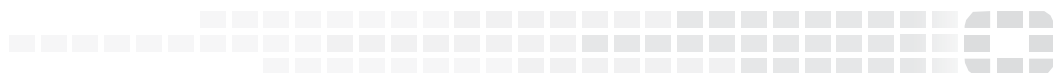




FORTINET

High Performance Network Security



FortiMail™ Release Notes

VERSION 5.4.2 GA



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Introduction

This document provides a list of new and changed features, upgrade instructions and caveats, resolved issues, and known issues in this release.

Supported Platforms

- FortiMail 60D
- FortiMail 200D
- FortiMail 200E
- FortiMail 400C
- FortiMail 400E
- FortiMail 1000D
- FortiMail 2000E
- FortiMail 3000C
- FortiMail 3000D
- FortiMail 3000E
- FortiMail 3200E
- FortiMail VM (VMware vSphere Hypervisor ESX/ESXi 5.0 and higher)
- FortiMail VM (Microsoft Hyper-V Server 2008 R2, 2012 and 2012 R2)
- FortiMail VM (KVM qemu 0.12.1 and higher)
- FortiMail VM (Citrix XenServer v5.6sp2, 6.0 and higher)
- FortiMail VM [AWS(BYOL)]
- FortiMail VM [Azure(BYOL)]

What's New

There are no new features or enhancements in this patch release.

Special Notices

TFTP firmware install

Using TFTP via the serial console to install firmware during system boot time will erase all current FortiMail configurations and replace them with factory default settings.

Monitor settings for web UI

To view all objects in the web UI properly, Fortinet recommends setting your monitor to a screen resolution of at least 1280x1024.

Recommended browsers on desktop computers for administration and Webmail

- Internet Explorer 11 (Windows 7) and Edge (Windows 10)
- Firefox 52 to 54
- Safari 9 to 10 (Mac OS X)
- Google Chrome 53 to 59

Recommended browsers on mobile devices for webmail access

- Official Safari browser for iOS 9 to 10
- Official Google Chrome browser for Android 5 to 7

FortiSandbox support

The current FortiMail release requires FortiSandbox 2.1 or newer releases. FortiSandbox 2.3 or new releases are highly recommended.

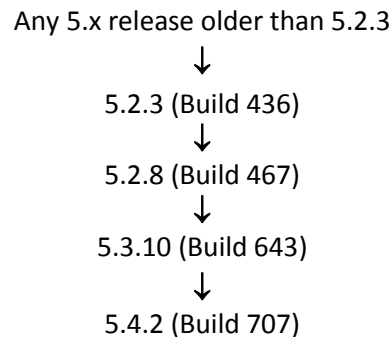
Firmware Upgrade/Downgrade

Before and after any firmware upgrade/downgrade

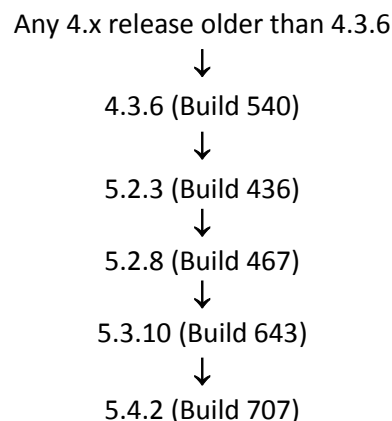
- Before any firmware upgrade/downgrade, save a copy of your FortiMail configuration (including replacement messages) by going to *System > Maintenance > Configuration*.
- After any firmware upgrade/downgrade:
 - If you are using the web UI, clear the browser cache prior to login on the FortiMail unit to ensure proper display of the web UI screens.
 - The antivirus signatures included with an image upgrade may be older than those currently available from the Fortinet FortiGuard Distribution Network (FDN). Fortinet recommends performing an immediate AV signature update as soon as possible.

Upgrade path

For any 5.x release



For any 4.x release



After every upgrade, verify that the build number and branch point match the image that was loaded by going to *Dashboard > Status* on the Web UI.

Firmware downgrade

Downgrading from 5.4.2 to 5.x or 4.x releases

Downgrading from 5.4.2 release to any 5.x or 4.x release is not fully supported. If you have to downgrade, follow these steps:

1. Back up the 5.4.2 configuration.
2. Install the older image.
3. In the CLI, enter `execute factoryreset` to reset the FortiMail unit to factory defaults.
4. Configure the device IP address and other network settings.
5. Reload the backup configuration if needed.

Resolved Issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](#).

Antivirus/Antispam/Content

Bug ID	Description
455214	HTML parts of email body are incorrectly treated as HTML attachments and sent to FortiSandbox for scanning.
454403	URL scan can be bypassed using unsafe characters listed in RFC1738.

System

Bug ID	Description
454887	NFS cannot be mounted for mail data backup.
451467	In server mode, LDAP address book sharing to Outlook and Thunderbird stops working after upgrading to 5.4.0.
455547	When a mail group is set as the recipient in a notification profile, no notification is sent to the members of the mail group.

Admin GUI

Bug ID	Description
455141	Under Security > Block/Safe List > Domain, the domain entries may be duplicated.
454678	New SNMP communities cannot be created under System > Configuration > SNMP.

Known Issues

The following table lists some minor known issues. .

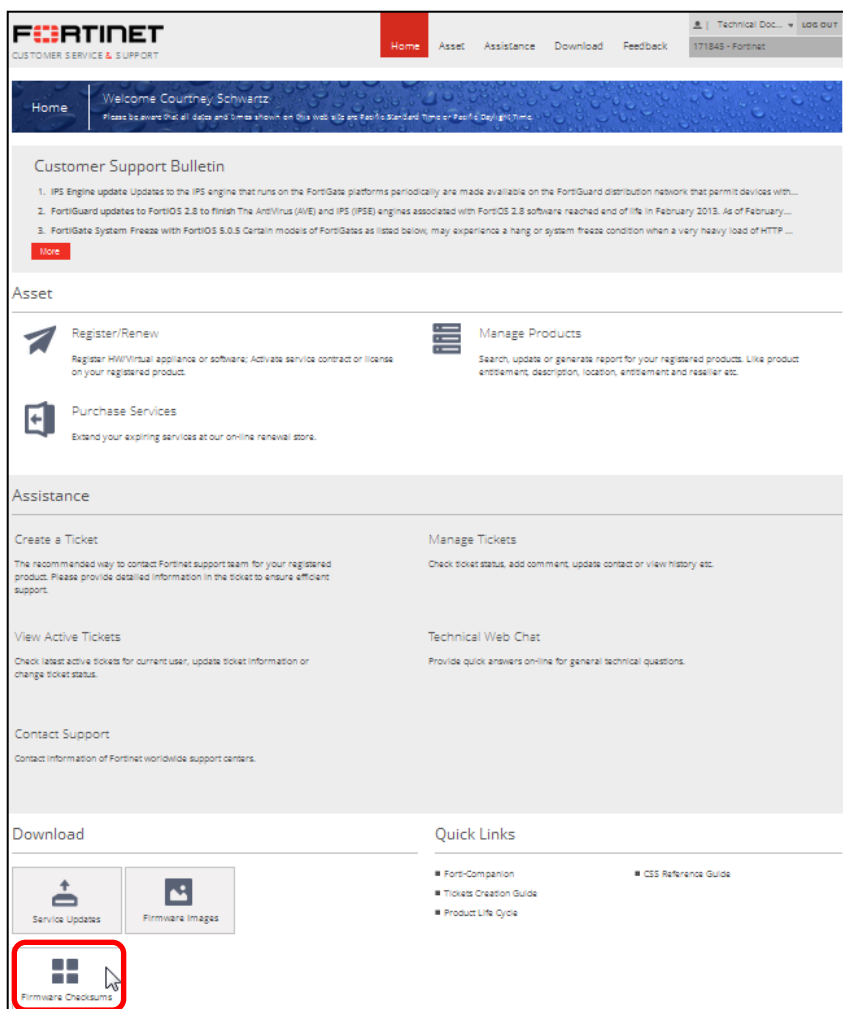
Bug ID	Description
307919	Webmail GUI for IBE users displays a paper clip for all email although the email has no attachments.
381511	IBE messages are not signed with DKIM although DKIM signing is enabled.

Image Checksums

To verify the integrity of the firmware file, use a checksum tool and compute the firmware file's MD5 checksum. Compare it with the checksum indicated by Fortinet. If the checksums match, the file is intact.

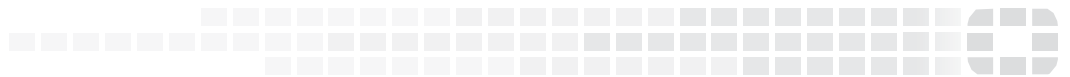
MD5 checksums for Fortinet software and firmware releases are available from [Fortinet Customer Service & Support](#). After logging in to the web site, near the bottom of the page, select the *Firmware Image Checksums* button. (The button appears only if one or more of your devices have a current support contract.) In the File Name field, enter the firmware image file name including its extension, then select *Get Checksum Code*.

Figure 1: Customer Service & Support image checksum tool





High Performance Network Security



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